General methods of determining equivalent weights, atomic weights and molecular weights.
Chief sources, preparation, properties, and uses of the following metals :—
Sodium, potassium, copper, silver, gold, magnesium, calcium, strontium, barium, zinc, mercury, aluminium, tin, lead, arsenic, chromium, manganese and iron.
The preparation and properties of the more important compounds of the above metals.
Elementary knowledge of the periodic classification of elements.
Students are expected to have a knowledge of the process of manufacture of the following :—
Hydrochloric, nitric and sulphuric acids. Aluminium, gold, iron, lead, zinc, sodium hydroxide, sodium carbonate.

Practical—Cutting, bending and drawing out glass tubing.
Preparation and study of the properties of hydrogen, oxygen, chlorine, hydrogen chloride, ammonia, nitrous and nitric oxides, nitric acid, sulphur dioxide, boric acid, alum, and ferrous ammonium sulphate. Composition by volume of air, ammonia and sulphur dioxide.
Density of carbon dioxide.
Solubility of solids in water. Solubility curves.
Equivalent weight of a metal (magnesium, iron, lead or aluminium).
Acidimetry and alkalimetry—estimation of acids, sodium hydroxide, sodium carbonate.
Simple exercises on the use of permanganate, thiosulphate and iodine standard solutions. Volumetric analysis.
Qualitative analysis of simple salts.

NOTE. (i)—The course in practical work should closely follow the study of the theoretical portions in the lecture classes.

(ii) The course in Chemistry should consist of two lectures per week of one hour each and one practical lesson pe week of two and a half hours.

English, Elementary Mathematics, Optional Mathematics—III paper, History, Economics. } Revised syllabuses will be published later.

SCHEME OF EXAMINATION—PAGES 156 to 160.

English: *I. A. and I.Sc.*—

		Hours	Marks
1.	Poetry and Drama	3	70
2.	Prose—detailed and non-detailed	3	70
3.	General English	3	60

Second Language.—

1.	Composition or Translation and non-detailed text-books (common to I. A. and I. Sc.)	3	100
2.	Text-books for detailed study and Grammar (I. A. only).	3	100

Mathematics : (*Optional for I.Sc.*)—

1.	Paper I—Algebra and Calculus (common to I. A. and I. Sc.)	3	100
2.	Paper II—Trigonometry and Geometry (common to I. A. and I. Sc.)	3	100
3.	Paper III (I. Sc. only)	3	100

The rest as in pages 158 *and* 160 *of Calendar for* 1932-33 *Vol. I.*

(*Government Order No. E.* 4284—*Uni.* 91-32-32, *dated the* 21*st June* 1933.)

NOTE.—The revised course and scheme will take effect from the Junior Intermediate Class of 1934-35.

By Order,
V. GOPALASWAMI AIENGAR,
Registrar.

THE GOVERNMENT CENTRAL BOOK DEPOT, BANGALORE.

Notification dated 9th October 1933.

The following publications have been recently received in the Depot for sale to the public.

	Name of the book.	*Price per copy.* Rs. a. p.
1.	Women's Rights under Hindu Law Regulation, X of 1933, in Kannada	0 1 9
2.	S. S. L. C. Teachers Register of Marks	0 8 0
3.	Mysore Service Regulation (sixth Edition) revised upto April 1933	1 8 0

Postage, etc., extra.

B. PUTTAIYA,
Superintendent.